

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	liu-jiang\$.in. and @pd>"20070321"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:37
L2	0	dunleavy-lawrence\$.in. and @pd>"20070321"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:38
L3	0	svensen-terje\$.in. and @pd>"20070321"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:39
L4	23	university adj of adj south adj florida\$.as. and @pd>"20070321"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:40
L5	18	703/13.ccls. and @pd>"20070321"	USPAT; EPO	OR	ON	2007/06/09 10:42
L6	3780	(mixer or (frequency adj translation adj device)) and @pd>"20070321"	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:56
L7	68	l6 and inter\$modulation	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:51
L8	26	l7 and (sum and difference)	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:44
L9	0	(inter\$modulation near2 table) and @pd>"20070321"	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:47
L10	30	l7 and (file or table)	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:51
L11	4	l6 and (modulation adj product\$1)	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:57
L12	59	(inter\$modulation near2 product\$1). clm.	US-PGPUB	OR	ON	2007/06/09 11:02
L13	15	(inter\$modulation and (table or file)).clm.	US-PGPUB	OR	ON	2007/06/09 11:02
S41	2	liu-jiang\$.in. and @pd>"20061017"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:37
S42	0	dunleavy-lawrence\$.in. and @pd>"20061017"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:38
S44	0	svensen-terje\$.in. and @pd>"20061017"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:39
S45	48	university adj of adj south adj florida\$.as. and @pd>"20061017"	US-PGPUB; USPAT	OR	ON	2007/06/09 10:40
S49	7502	(mixer or (frequency adj translation adj device)) and @pd>"20061017"	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:43

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S50	111	S49 and inter\$modulation	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:44
S53	7	(inter\$modulation near2 table)	US-PGPUB; USPAT; EPO	OR	ON	2007/06/09 10:47
S54	57	703/13.ccls. and @pd>"20061017"	USPAT; EPO	OR	ON	2007/06/09 10:41



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- ☐ 1. Automated measurement of intermodulation tables for mixers
 Jiang Liu; Dunleavy, L.;
ARFTG Conference Digest, Spring 2003, 61st
 13 June 2003 Page(s):85 - 95
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- ☐ 2. Simulation of a 915 MHz receiver using the HP Advanced Design System™
 Benabe, E.; Kuppusamy, A.; Weller, T.; Flikkema, P.; Dunleavy, L.;
ARFTG Conference Digest, 1998. Computer-Aided Design and Test for High-Speed Electronics, 52nd
 3-4 Dec. 1998 Page(s):28 - 38
 Digital Object Identifier 10.1109/ARFTG.1998.768622
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- ☐ 3. Frequency-domain analysis of strongly nonlinear circuits using a consistent large-signal model
 Narhi, T.;
Microwave Theory and Techniques, IEEE Transactions on
 Volume 44, Issue 2, Feb. 1996 Page(s):182 - 192
 Digital Object Identifier 10.1109/22.481566
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- ☐ 4. Signal×noise intermodulation in translinear filters
 Mulder, J.; Kouwenhoven, M.H.L.; van Roermund, A.H.M.;
Electronics Letters
 Volume 33, Issue 14, 3 July 1997 Page(s):1205 - 1207
[AbstractPlus](#) | Full Text: [PDF\(368 KB\)](#) IET JNL
- ☐ 5. Low complexity spread spectrum correlator
 Tan, B.S.E.; Povey, G.J.R.;
Electronics Letters
 Volume 33, Issue 14, 3 July 1997 Page(s):1204 - 1205
[AbstractPlus](#) | Full Text: [PDF\(212 KB\)](#) IET JNL
- ☐ 6. A tunable 0.5-1.3 GHz CMOS 2nd order bandpass filter with 50/spl Omega/ input-output impedance matching
 Stornelli, V.; Ferri, G.; Leuzzi, G.; De Marcellis, A.;
Circuits and Systems, 2006. ISCAS 2006. Proceedings. 2006 IEEE International Symposium on

21-24 May 2006 Page(s):4 pp.

Digital Object Identifier 10.1109/ISCAS.2006.1692722

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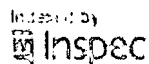
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- ☐ 1. Performance analysis of a GLRT automated target discrimination scheme
Mooney, J.E.; Zhi Ding; Riggs, L.S.;
[Antennas and Propagation, IEEE Transactions on](#)
Volume 49, Issue 12, Dec. 2001 Page(s):1827 - 1835
Digital Object Identifier 10.1109/8.982466
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The Use OF Intermodulation Tables FOR Mixer Simulations - all 6 versions »

D Faria, L Dunleavy, T Svensen - SIGNAL - ee.eng.usf.edu

... The use of **intermodulation table** (IMT) files can lead to accurate prediction of the ... to this position could be either the **sum** or **difference** frequency (ie If ...

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A Table-Based Asymmetric System Mixer Model

J Liu, LP Dunleavy, TB Svensen - Wireless Technologies, 2003 - ee.eng.usf.edu

... such as **intermodulation table** (IMT) files [8] to predict mixer performance. ... Each IMT file corresponds to a distinct **sum** or **difference** frequency output ...

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Frequency-domain analysis of strongly nonlinear circuits using a consistent large-signal model - all 4 versions »

T Narhi - Microwave Theory and Techniques, IEEE Transactions on, 1996 - ieeexplore.ieee.org

... with the frequency table is the **intermodulation table** imt, which ... magnitudes of arj and w1 1) **Sum** frequency: $C1 \dots A6.Bj/2 Wk=Wj+W1ES$ **Difference** frequency (positive ...

Cited by 13 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Automated measurement of intermodulation tables for mixers

J Liu, L Dunleavy - ARFTG Conference Digest, Spring 2003. 61st, 2003 - ieeexplore.ieee.org

... measurement results are typically stored in an **intermodulation table** (IMT) file ... expanding V2 in (I), we obtain desired **sum** and **difference** frequencies, as ...

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Automated Measurement of Intermodulation Tables for Mixers

JLL Dunleavy - ee.eng.usf.edu

... The measurement results are typically stored in an **intermodulation table** (IMT) file for ... V 2 in (1), we obtain desired **sum** and **difference** frequencies, as ...

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Computer-aided engineering challenges for wireless transceivers

LP Dunleavy, DB Lassenen, T Svensen, D Faria - International Journal of RF and Microwave Computer-Aided ..., 2003 - doi.wiley.com

... for this position could be either the **sum** frequency or the **difference** frequency (ie ... Figure 12. An **intermodulation table** for a (generic) double balanced mixer ...

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Microwave intermodulation in high-Tc superconducting microstrip resonators - all 5 versions

»

BA Willemsen, BH King, T Dahm, DJ Scalapino, ST ... - Applied Superconductivity, IEEE Transactions on, 1999 - ieeexplore.ieee.org

... Another significant **difference** between the two data sets becomes apparent when ... The results are **sum**- ... **TABLE I** LIMITING BEHAVIOR OF THE INTERMODULATION PRODUCTS ...

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A NEW LINEARIZATION METHOD FOR CANCELLATION OF THIRD ORDER DISTORTION - all 3 versions »

K MIEHLE - 2003 - wws2.uncc.edu

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[Investigation of technical considerations in a proposed" Live from Lincoln Center" pay television ... - all 3 versions »](#)

JE Ward - 1976 - [dspace.mit.edu](#)

... it was further proposed to interchange the stereo-audio **sum** and **difference** ... **sum** (L + R) and **difference** (L - R) signals so that the resulting ...


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[2, 6 GHz Radio Frequency Front End for Rapid Prototyping](#)

M Fischer - [publik.tuwien.ac.at](#)

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